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# ***IN THE CLAIMS:***

This listing of claims will replace all prior versions and listings of claims in the application.

1-34. (canceled)

35. (new) An apparatus, comprising:  
 an interface to connect to a synchronous digital link and to send and receive digital signals to and from a telephone switch over the synchronous digital link;  
 a controller to generate graphical display information and events based on the digital signals received over the interface; and  
 logic to communicate over an asynchronous digital link, to convert the digital signals to an asynchronous format, and to transmit the digital signals and the graphical display information and events over the asynchronous digital link.

36. (new) The apparatus of claim 35, wherein the logic is arranged to display a digital telephone on a display device, the digital telephone including the graphical display information and events.

37. (new) The apparatus of claim 35, wherein the logic is arranged to receive key press or hook state commands over the asynchronous digital link.

38. (new) A method, comprising:  
 receiving digital data from a public branch exchange (PBX) over a synchronous digital communication link;  
 generating graphical display information based on the received digital data;  
 transmitting the graphical display information over an asynchronous Internet protocol (IP) link;  
 receiving a key press or hook state command over the asynchronous Internet protocol

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(IP) link;

translating the key press or hook state command to a different format; and  
 transmitting the translated key press or hook state command to the PBX over the  
 synchronous digital communication link.

39. (new) The method of claim 38, wherein the graphical display information is  
 related to graphical representation of a digital telephone.

40. (new) The method of claim 38, further comprising:  
 graphically representing a digital telephone on a display device, the digital telephone  
 including the graphical display information.

41. (new) A machine-accessible medium including instructions that, when executed,  
 cause a machine to:  
 convert received light events and display updates to a graphical format;  
 cause a display device to display a digital telephone including the light events and display  
 updates;  
 convert received input device data that is related to the displayed digital telephone into a  
 packetized format; and  
 transmit the packetized input device data over an asynchronous Internet protocol (IP)  
 link.

42. (new) The medium of claim 41, further comprising instructions that, when  
 executed, cause the machine to:  
 emit audio information from a speaker that is received over the asynchronous IP link.

43. (new) The medium of claim 41, further comprising instructions that, when  
 executed, cause the machine to:

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convert input voice data into a packetized format; and  
transmit the packetized input voice data over the asynchronous IP link.